

APPROVED O.G. FIG. NONE
COPIED BY T3 CLASS SUBCLASS 39
DRAFTSMAN WO 96/04092 510 3.20

08/945574
PCT/EP96/01755

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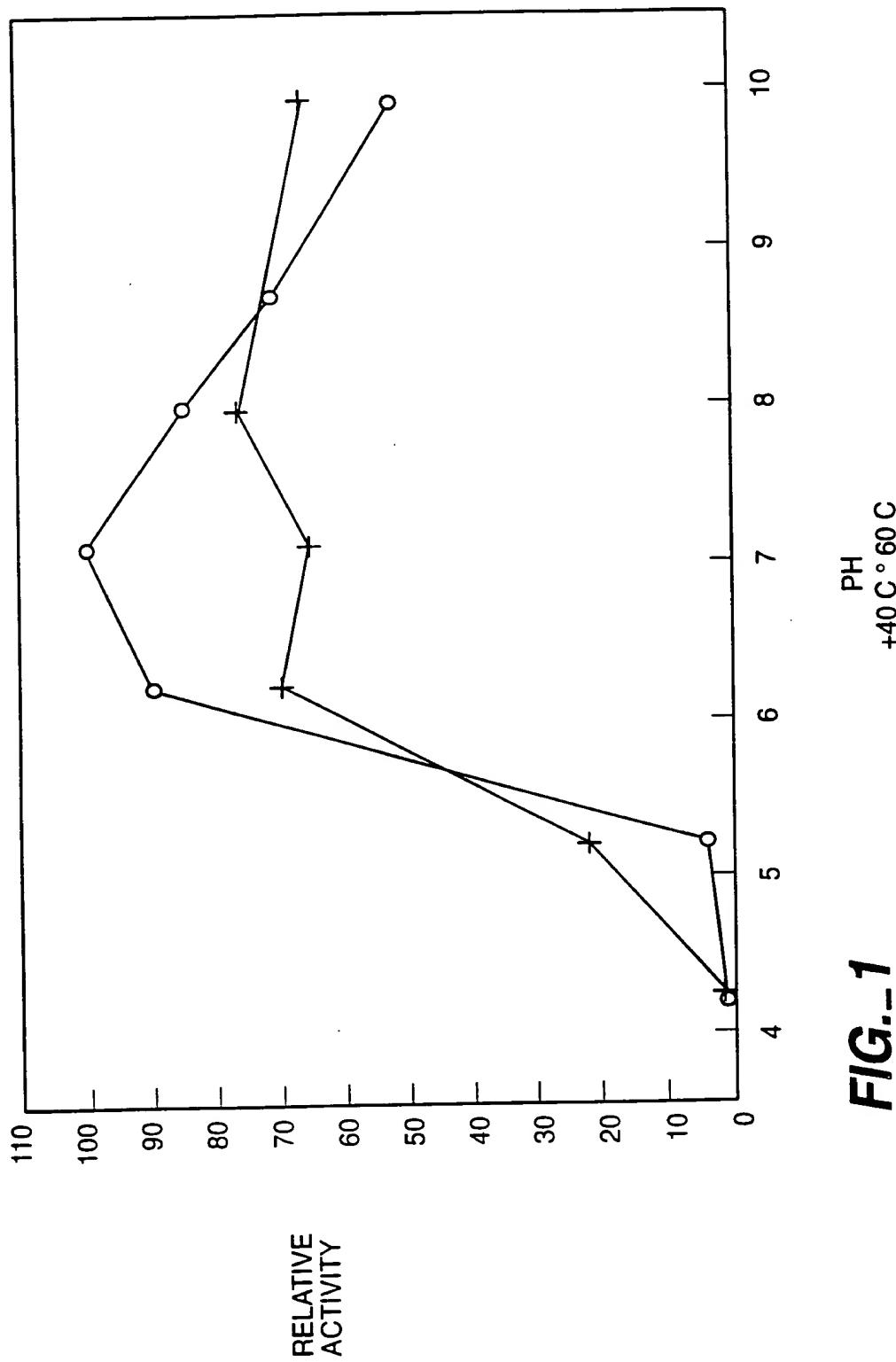


FIG. 1

APPROVED BY DRAFTSMAN O.G. FIG. 2
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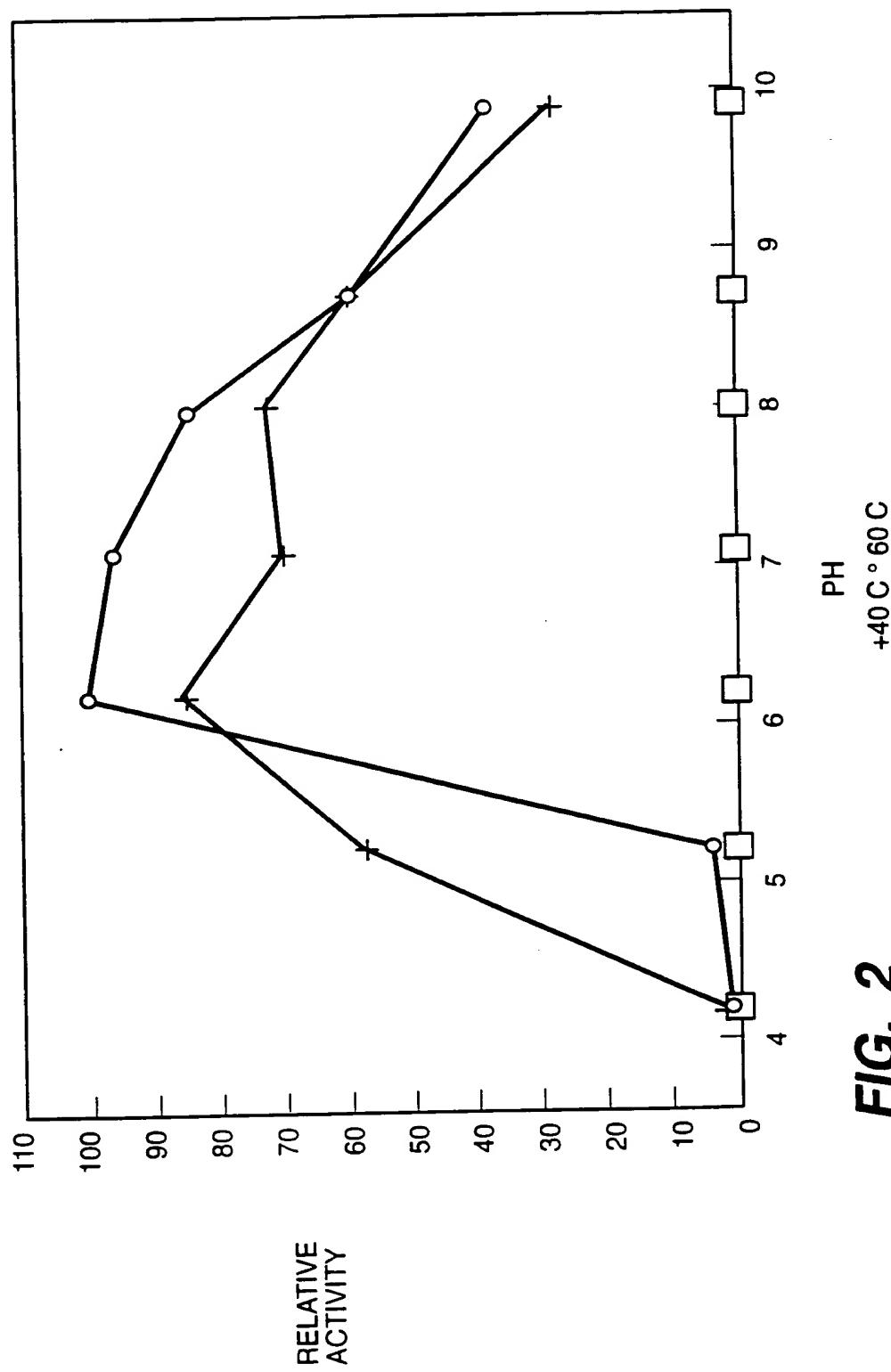


FIG. 2

-121 GAATTCCGTTACATATTTGCAAAAAAGAGGGTGGTGGCGCTACATATACACCTTAAAAAG
 -60 TGCAGACTAAAACGATTCGTTCACTATGAAAGCTAAACCATTACCAAGGAGGAAATT
 1 ATGAAAAAGATAACTACTATTTTGCCTATTGCTCATGACATTGGCGTTGTTCACTATA
 MetLysLysIleThrThrIlePheAlaValLeuLeuMetThrLeuAlaLeuPheSerIle
 61 GGAAACACGACAGCGGCTGATGATTATTCAGTTGAGAGAACATGGGCAACTAAAGTATT
 GlyAsnThrThrAlaAlaAspAspTyrSerValValGluGluHisGlyGlnLeuSerIle
 121 AGTAACGGTGAATTAGTCATGAAACGAGGCGAACAAAGTCAGTTAAAAGGGATGAGTTCC
 SerAsnGlyGluLeuValAsnGluArgGlyGluGlnValGlnLeuLysGlyMetSerSer
 181 CATGGTTGCAATGGTACGGTCAATTGTAACATGAAAGCATGAAATGGCTAAGAGAT
 HisGlyLeuGlnTrpTyrGlyGlnPheValAsnTyrGluSerMetLysTrpLeuArgAsp
 241 GATTGGGAATAACTGTATTCCGAGCAGCAATGTATACCTCTCAGGAGGATATATTGAC
 AspTrpGlyIleThrValPheArgAlaAlaMetTyrThrSerSerGlyGlyTyrIleAsp
 301 GATCCATCAGTAAAGGAAAAGTAAAGAGACTGTTGAGGCTGCGATAGACCTGGCATA
 AspProSerValLysGluLysValLysGluThrValGluAlaAlaIleAspLeuGlyIle
 361 TATGTGATCATGATTGGCATATCCTTCAAGACAATGACCCGAATATATATAAGAAGAA
 TyrValIleIleAspTrpHisIleLeuSerAspAsnAspProAsnIleTyrLysGluGlu
 421 GCGAAGGATTCTTGATGAAATGTCAGAGTTGATGGAGACTATCCGAATGTGATATAC
 AlaLysAspPhePheAspGluMetSerGluLeuTyrGlyAspTyrProAsnValIleTyr
 481 GAAATTGCAAATGAACCGAATGGTAGTGTAGTACGTGGGACAATCAAATAAAACCGTAT
 GluIleAlaAsnGluProAsnGlySerAspValThrTrpAspAsnGlnIleLysProTyr
 541 GCAGAAAGTGTATTCCGGTTATCGTGACAATGACCTTAATAACATTGTTATTGTAGGT
 AlaGluGluValIleProValIleArgAspAsnAspProAsnAsnIleValIleValGly
 601 ACAGGTACATGGAGTCAGGATGTCCATCATGCAGCCGATAATCAGCTGCAGATCCTAAC
 ThrGlyThrTrpSerGlnAspValHisHisAlaAlaAspAsnGlnLeuAlaAspProAsn
 661 GTCATGTATGCATTTCAATTGAGAACACATGGACAAAATTACGAGACCAAGTA
 ValMetTyrAlaPheHisPheTyrAlaGlyThrHisGlyGlnAsnLeuArgAspGlnVal
 721 GATTATGCATTAGATCAAGGAGCAGCGATATTGTTAGTGAATGGGGGACAAGTGCAGCT
 AspTyrAlaLeuAspGlnGlyAlaAlaIlePheValSerGluTrpGlyThrSerAlaAla
 781 ACAGGGTGTGGTGTGTTAGATGAAAGCACAAGTGTGGATTGACTTATGGATGAA
 ThrGlyAspGlyGlyValPheLeuAspGluAlaGlnValTrpIleAspPheMetAspGlu
 841 AGAAAATTAAAGCTGGGCCAACTGGTCTCTAACGCATAAGGATGAGTCATCTGCAGCGTTA
 ArgAsnLeuSerTrpAlaAsnTrpSerLeuThrHisLysAspGluSerSerAlaAlaLeu
 901 ATGCCAGGTGCAAATCCAACGGTGGTGGACAGAGGCTGAACATCTCCATCTGGTACA
 MetProGlyAlaAsnProThrGlyGlyTrpThrGluAlaGluLeuSerProSerGlyThr

FIG._3A

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O.G. FIG.
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961 TTTGTGAGGGAAAAATAAGAGAACAGCATCTATTCCGCCAAGCGATCCAACACCGCCA
PheValArgGluLysIleArgGluSerAlaSerIleProProSerAspProThrProPro
1021 TCTGATCCAGGAGAACCGGATCCAGGAGAACCGGATCCAACGCCCAAGTGATCCAGGA
SerAspProGlyGluProAspProGlyGluProAspProThrProProSerAspProGly
1081 GAGTATCCAGCATGGGATTCAAATCAAATTACACAAATGAAATTGTGTATCATAACGGT
GluTyrProAlaTrpAspSerAsnGlnIleTyrThrAsnGluIleValTyrHisAsnGly
1141 CAGTTATGGCAAGCGAAATGGTGGACACAAAATCAAGAGGCCAGGTGACCCATACGGTCCG
GlnLeuTrpGlnAlaLysTrpTrpThrGlnAsnGluProGlyAspProTyrGlyPro
1201 TGGGAACCACTCAAATCTGACCCAGATTCAAGGAGAACCGGATCCAACGCCCAAGTGAT
TrpGluProLeuLysSerAspProAspSerGlyGluProAspProThrProProSerAsp
1261 CCAGGAGAGTATCCAGCATGGGATTCAAATCAAATTACACAAATGAAATTGTGTACCAT
ProGlyGluTyrProAlaTrpAspSerAsnGlnIleTyrThrAsnGluIleValTyrHis
1321 AACGGCCAGCTATGGCAAGCAAATGGTGGACACAAAATCAAGAGGCCAGGTGACCCATAT
AsnGlyGlnLeuTrpGlnAlaLysTrpTrpThrGlnAsnGlnGluProGlyAsnProTyr
1381 GGTCCGTGGGAACCACTCAATTAAACTATATAATTGATAAAAATTACTAATGAGATAGT
GlyProTrpGluProLeuAsnEnd
1441 GAGAATCCCAAGAGTCTAAATTGAAAGATTGGCATTCTCATTTCACAATTAAATTAAATCC
1501 ATTGAAAATATTAAAAACGAATTTATAATATCCAAGGTACCATACTTAATTGGCGGTA
1561 CTTTTTCTGTCCTTATAGCTGCCCATCCCCCGAAAAAGCGGTCGAAACTGGTGCATT
1621 TTTCAGCATTATCTTGTAAATATCAAAACATAAGAAAAAGCCTTGAAACATTGATATGAC
1681 AACGTTCTAAGGCTTTCTGCATTCTTATTCAAGTGTATGCCAATTAAACGAGAGTACCA
1741 CTCAACGATAAGTTGTTGTTAATTTCAGCTGGAAGCTCAGAACGCTCAGGTAAACGAGT
1801 GAACGTACCTTCAAGCTT

FIG._3B

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-630 GAATTCTTGGATCATGATGGAAGGCGAAA
 -600 TCATGAGCATTGCCCTGCGACGATTACGGCTCTGTCGGCGTCACTTGCTTGCAG
 -540 CGGTTCAAGGTTGGTTGCAGGTAAAGCTGCATTAACCTGTTGTTCGTTACTTCTCATTG
 -480 TCGCTGCTGTTGCTTATTCAAAATTGGGTGTATGACTTGTGCCCTCGGNATCG
 -420 CGGGTATGCCATTATNCTCAAAGAACAGTTAACAGACGCCATGGGTTCCAAGGCA
 -360 AGTACAGTTAAAACGAGAGATTAAAGAGGCCGCTCCCAATGAGGGAGTGGTCTTTTA
 -300 CATTCAAAAAGAGGAAAATAGGAGAAATGTAGATCCGACGTAGATAAGTATTAGGTTT
 -240 AAGTGTAAAGTACAGCTAACAGAAAGCTGCTTGTGATTCTATGAAAAAGTGTGTTAAA
 -180 CATTGTGACATGATTTCTGTGAAATAATGATCTATTCTGTGAAACAATTGTGATAG
 -120 ATTGGTAGAGTTGATAATTCTAAATTCTGTTCAAAAGGAGGTTGAGGTTCATTTA
 -60 CGATTTGTCAACAGTCAATTGTTGTTCCGGTAACTCATTGGAGGTGGAGTCTG
 1 ATGAAGTGGATGAAATCCATGGTATGGTGCCGTTGTTGGTCGTTCTCGTAGCT
Met Lys Trp Met Lys Ser Met Val Trp Leu Ala Val Val Leu Val Val Ser Phe Val Ala
 61 CCTGCCGTTAGTCAGCTAACGAGGATGTAAGAAACTCTCGATATTCAAGTCCTATGTAAGA
Pro Ala Val Ser Ser Ala Asn Glu Asp Val Lys Thr Leu Asp Ile Gln Ser Tyr Val Arg
 121 GACATGCAGCCGGTTGGAATCTGGGAATACGTTGATGCCGTCGGACAAGATGAAACA
Asp Met Gln Pro Gly Trp Asn Leu Gly Asn Thr Phe Asp Ala Val Gly Gln Asp Glu Thr
 181 GCATGGGAAATCCACGTGTGACACGAGAATTAAATTGAACGGATTGCGGATGAAGGGTAT
Ala Trp Gly Asn Pro Arg Val Thr Arg Glu Leu Ile Glu Arg Ile Ala Asp Glu Gly Tyr
 241 AAAAGCATTGGATTCCGGTGACGTGGAAAATCGTATCGGAGGGGCACCTGATTATCCT
Lys Ser Ile Arg Ile Pro Val Thr Trp Glu Asn Arg Ile Gly Ala Pro Asp Tyr Pro
 301 ATTGATCCCCAGTTAAATCGAGTGGACGAAGTTGTCATGGCGCTGGAAGAAGAT
Ile Asp Pro Gln Phe Leu Asn Arg Val Asp Glu Val Val Gln Trp Ala Leu Glu Asp
 361 TTGTATGTCATGATTAATTACACCAGATTGATTGATGGTTATGGATTATGAAATGGAGCAC
Leu Tyr Val Met Ile Asn Leu His His Asp Ser Trp Leu Trp Ile Tyr Glu Met Glu His
 421 AACTACAACGGTGTGATGCCAAGTATCGCTCGCTCTGGGAGCAACTATCGAACCACTTC
Asn Tyr Asn Gly Val Met Ala Lys Tyr Arg Ser Leu Trp Glu Gln Leu Ser Asn His Phe
 481 AAAGACTATCCAACAAAGCTTATGTTGAAAGTGTCAATGAGCAAAGTTAGTCAAAAC
Lys Asp Tyr Pro Thr Lys Leu Met Phe Glu Ser Val Asn Glu Pro Lys Phe Ser Gln Asn
 541 TGGGGTGAGATCCGTGAGAATCACCATGCGTTACTAGACGACTAAACACAGTGTGTTTC
Trp Gly Glu Ile Arg Glu Asn His His Ala Leu Leu Asp Asp Leu Asn Thr Val Phe Phe
 601 GAGATTGTGAGACAGTCTGGTGGCAAAATGATATCCGGCCGTTAGTGTACCGACTATG
Glut Ile Val Arg Gln Ser Gly Gly Gln Asn Asp Ile Arg Pro Leu Val Leu Pro Thr Met
 661 GAAACAGGCCACATCACAAACCGTTGCTGAACAAACCTTATCAAACAAATTGACAAATTGGAT
Glut Thr Ala Thr Ser Gln Pro Leu Leu Asn Asn Leu Tyr Gln Thr Ile Asp Lys Leu Asp

FIG._4A

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721 GATCCGAATCTAATTGCGACAGTACACTATTACGGTTTGGCTTTAGCGTGAATATC
 AspProAsnLeuIleAlaThrValHisTyrTyrGlyPheTrpProPheSerValAsnIle

 781 GCCGGCTACACTCGCTTGAAGAGGATTGAAACGGGAGATCATCGAACAGTTGATCGA
 AlaGlyTyrThrArgPheGluGluAspSerLysArgGluIleIleGluThrPheAspArg

 841 GTACACCATACTTGTTGCAAGAGGGATTCCAGTCGTTAGGTGAGTTGGCTTGCTT
 ValHisHisThrPheValAlaArgGlyIleProValValLeuGlyGluPheGlyLeuLeu

 901 GGATTGATAAACATACTGGAGTATTCAACAAGGTGAAAGCTAAATTCTTGAGTAT
 GlyPheAspLysHisThrGlyValIleGlnGlnGlyGluLysLeuLysPhePheGluTyr

 961 CTCATCCATCATTGAACGAGCGGGATATTACTCATATGCTTGGGATAATGGGCAGCAT
 LeuIleHisHisLeuAsnGluArgAspIleThrHisMetLeuTrpAspAsnGlyGlnHis

 1021 TTCAATCGTCATACGTACGAATGGTATGACGGAGAATTGTTGACATGTTGCGGGCAAGC
 PheAsnArgHisThrTyrGluTrpTyrAspGluGluLeuPheAspMetLeuArgAlaSer

 1081 TGGGGAGGAAGATCATCCGTTGCAGAGTCGAACCTTATCTATTAAACAGGGAGACCGA
 TrpGlyGlyArgSerSerValAlaGluSerAsnPheIleTyrLeuLysGlnGlyAspArg

 1141 ATCGCAGATGCAACAGTTACATTACAATTGCACGGAAATGAATTAAACAGGGCTTCAGGCG
 IleAlaAspAlaThrValThrLeuGlnLeuHisGlyAsnGluLeuThrGlyLeuGlnAla

 1201 AATGGACAACGACTAACGCCGGGCAGGACTATGAGTTAAATGGAGAAAGACTTACAGTG
 AsnGlyGlnArgLeuThrProGlyGlnAspTyrGluLeuAsnGlyGluArgLeuThrVal

 1261 AAGGCCATGTCCTATCGCAATCGCAGGTTAGGTACGTTAGGTACGAATGGAATGGTA
 LysAlaHisValLeuSerAlaIleAlaGlySerGlyThrLeuGlyThrAsnGlyMetVal

 1321 ACGGCTGAGTTAACGAGGCTATGGCATTTCGGGTGAATACGTATCGTACGCCT
 ThrAlaGluPheAsnArgGlyAlaAspTrpHisPheArgValAsnThrTyrArgThrPro

 1381 GTATTGCAAAGCACGCAAGGTACGTGAGCAACTCAGCATTCTGCTCCTTAATGGG
 ValLeuGlnSerThrGlnGlyHisValSerAsnPheSerIleProAlaSerPheAsnGly

 1441 AATAGCTTAGCAACAAATGGAGGCTGTCTATGTGGATGGCGGAATGCTGGCCCGCAAGAC
 AsnSerLeuAlaThrMetGluAlaValTyrValAspGlyGlyAsnAlaGlyProGlnAsp

 1501 TGGACCTCCTTAAGGAGTTGGCTATGCCCTCTCCCTCTATGATAACACATGAGATT
 TrpThrSerPheLysGluPheGlyTyrAlaPheSerProSerTyrAspThrHisGluIle

 1561 AAACTGACCGAGGCCTTTCTGAGGTGCGGGATGGTGAAGTTGGTTAACCTTCCAT
 LysLeuThrGluAlaPhePheArgGluValArgAspGlyGluValArgLeuThrPheHis

 1621 TTTGGAGTGGTGAATAGTCAACTATACGATTATAAAAACGGGAAACCAGGTGACTGGG
 PheTrpSerGlyGluIleValAsnTyrThrIleIleLysAsnGlyAsnGlnValThrGly

 1681 ATAGCAGCTCAGACAACCAATTCAAAAAACAAAAATAAAAATGAAATTGAAAGCGCTTT
 IleAlaAlaGlnThrThrAsnSerLysAsnLysAsnLysLysEnd

 1741 CTATGGTGTGCCGAATATCTGAGGTTCTTAGTAGAATCCGATATTGGGTTTTCA

 1801 TACATTATAGGGCGCTTTTATGTTGCCAGGTTAAATGGTCTTACGTATGGGAACCC

 1861 TACTACTAGATTATTGTGCACTCTTTGAGTACCAATTACCGCCATCATATGTAT

FIG._4B

APPROVED	O.G. FIG.	109 T/079
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1921 ATGAGTTGAACCATCTAGTAACCTCTTAAAATTGGTAAAGGAAATGTAACGTTGTGAT
2041 AGTAAGGAAATGGTATGATGGAGAGAGACGTGTGATCGAGAAATGGAGGAACGCAGAATG
2101 AATGAAACGATGCAACGCATCGCGAGAGTCATAGAGAATGTGGAACGAGTGGCCGCCGGG
2161 AAACGTCAGGAAATCGAGCTGAGCCTTGTGCGATTATTGCTAGCGG

FIG._4C

CONFIDENTIAL INFORMATION
EXCLUDED PURSUANT TO
43 U.S.C. § 1305(e)(2)(B)